

## Ajuteadus tegi suure sammu inimese vaimse võimekuse müsteeriumi lahendamiseks

Maran, Kaur; Sepp, Mari ekspress.delfi.ee 2023 [Ajuteadus tegi suure sammu inimese vaimse võimekuse müsteeriumi lahendamiseks](#)

## Association of bovine papillomavirus E2 protein with nuclear structures in vivo

Kurg, Reet; Sild, Kristiina; Ilves, Algi; **Sepp, Mari**; Ustav, Mart Journal of virology 2005 / 16, p. 10528-10539

## BAC transgenic mice reveal distal cis-regulatory elements governing BDNF gene expression

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## BAC-based cellular model for screening regulators of BDNF gene transcription

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## Characterization of the nuclear matrix targeting sequence (NMTS) of the BPV1 E8/E2 protein - the shortest known NMTS

Sankovski, Eve; Karro, Kristiina; **Sepp, Mari**; Kurg, Reet; Ustav, Mart; Abro, Aare Nucleus 2015 / p. 289-300 : ill  
<http://dx.doi.org/10.1080/19491034.2015.1074359>

## Daughterless, the Drosophila orthologue of TCF4, is required for associative learning and maintenance of the synaptic proteome

Tamberg, Laura; Jaago, Mariliis; Säälrik, Kristi; Sirp, Alex; Tuvikene, Jürgen; Šubina, Anastassia; Küir, Carl Alexander; Nurm, Kaja; **Sepp, Mari**; Timmusk, Tõnis; Palgi, Mari Disease Models & Mechanisms 2020 / art. dmm042747, 15 p. : ill  
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## Forkhead transcription factor FOXO3a levels are increased in Huntington disease because of overactivated positive autofeedback loop

Kannike, Kaja; **Sepp, Mari**; Zuccato, Chiara; Cattaneo, Elena; **Timmusk, Tõnis** Journal of biological chemistry 2014 / p. 32845-32857 : ill

## The Fuchs corneal dystrophy-associated CTG repeat expansion in the TCF4 gene affects transcription from its alternative promoters

Sirp, Alex; Leite, Kristian; Tuvikene, Jürgen; Nurm, Kaja; **Sepp, Mari**; Timmusk, Tõnis Scientific reports 2020 / art. 18424  
<https://doi.org/10.1038/s41598-020-75437-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Functional consequences of TCF4 missense substitutions associated with Pitt-Hopkins syndrome, mild intellectual disability, and schizophrenia

Sirp, Alex; Roots, Kaisa; Nurm, Kaja; Tuvikene, Jürgen; **Sepp, Mari**; Timmusk, Tõnis The journal of biological chemistry 2021 / art. 101381 <https://doi.org/10.1016/j.jbc.2021.101381> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Functional diversity of human basic helix-loop-helix transcription factor TCF4 isoforms generated by alternative 5' exon usage and splicing

**Sepp, Mari**; Kannike, Kaja; Eesmaa, Ave; Urb, Mari; Timmusk, Tõnis PLoS ONE 2011 / p. e22138 [14 p.] : ill

## Functions of the basic helix-loop-helix transcription factor TCF4 in health and disease = Aluselise heeliks-ling-heeliks transkriptsioonifaktori TCF4 funktsioonid ja seosed haigustega

**Sepp, Mari** 2012

## Haruldane haigus võib anda viiteid skisofreenia raviks : [TTÜ professori Tõnis Timmuski ning kahe teaduri, Mari Sepa ja Priit Pruunsilla artikli põhjal]

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## The intellectual disability and schizophrenia associated transcription factor TCF4 is regulated by neuronal activity and protein kinase A

**Sepp, Mari**; Vihma, Hanna; Nurm, Kaja; Urb, Mari; Page, Stephanie Cerceo; Roots, Kaisa; Hark, Anu; Maher, Brady J.; Pruunsild, Priit; **Timmusk, Tõnis** Journal of neuroscience 2017 / p. 10516-10527 : ill <https://doi.org/10.1523/JNEUROSCI.1151-17.2017>

## Introducing Pitt-Hopkins syndrome-associated mutations of TCF4 to Drosophila daughterless

Tamberg, Laura; **Sepp, Mari**; Timmusk, Tõnis; Palgi, Mari Biology open 2015 / p. 1762-1771 : ill  
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## Isoform-specific reduction of the basic helix-Loop-helix transcription factor TCF4 levels in Huntington's disease

Nurm, Kaja; **Sepp, Mari**; Castany-Pladevall, Carla; Creus-Muncunill, Jordi; Tuvikene, Jürgen; Sirp, Alex; Vihma, Hanna; Blake,

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**NF-κB-dependent regulation of brain-derived neurotrophic factor in hippocampal neurons by X-linked inhibitor of apoptosis protein**

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**Nucleolar enrichment of brain proteins with critical roles in human neurodevelopment**

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**Partial deletion of TCF4 in three generation family with nonsyndromic intellectual disability, without features of Pitt-Hopkins syndrome**

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**Tissue-specific and neural activity-regulated expression of human BDNF gene in BAC transgenic mice**

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